Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10809578 Filing Date 2004-03-25 First Named Inventor Lang, Philipp Art Unit 2624 Examiner Name Lu, Tom Y. Attorney Docket Number 3155/124

				U.S.	PATENTS	Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
/TYL/	1	6442287	B1	2002-08-27	Jiang et al	
/TYL/	2	6306822	B1	2001-10-23	Kumagai et al.	
/TYL/	3	6246745	B1	2001-06-12	Bi et al	
/TYL/	4	6108635		2000-08-22	Herren et al	
/TYL/	5	6077224		2000-06-20	Lang et al	
/TYL/	6	5915036		1999-06-22	Grunkin et al	
/TYL/	7	5772592		1998-06-30	Cheng et al	
/TYL/	8	5673298		1997-09-30	Mazess	

Application Number		10809578		
Filing Date		2004-03-25		
First Named Inventor Lang,		Philipp		
Art Unit		2624		
Examiner Name Lu, To		om Y.		
Attorney Docket Number		3155/124		

/TYL/	9	5335260		1994-08	3-02	Arnold					
/TYL/	10	5320102		1994-06	G-14	Paul et al					
/TYL/	11	5270651		1993-12	?-14	Wehrli					
/TYL/	12	5247934		1993-09)-28	Wehrli et al					
/TYL/	13	5228445		1993-07	'-20	Pak et al					
/TYL/	14	4721112		1988-01	-26	Hirano et al					
If you wis	h to ac	dd additional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add		
			U.S.P	ATENT	APPLI	CATION PUBL	LICATIONS		Remove		
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publica Date	ition	Name of Pate of cited Docu	entee or Applicant ment	Releva		Lines where ges or Relev	
/TYL/	1	20020191823	A1	2002-12	?-19	Wehrli et al					
If you wis	If you wish to add additional U.S. Published Application citation information please click the Add button. Add										
				FOREIG	SN PAT	ENT DOCUM	ENTS		Remove		\neg
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patented Applicant of cited Document	y F	vhere Rel	or Relevant	T5

Application Number		10809578	
Filing Date		2004-03-25	
First Named Inventor Lang,		Philipp	
Art Unit		2624	
Examiner Name Lu, To		om Y.	
Attorney Docket Number		3155/124	

/TYL/	1	0230283	WO	A2	2002-04-18	Osteonet.com, Inc.		
/TYL/	2	0222014	wo	A1	2002-03-21	Leland Stanford Junior University		
/TYL/	3	0072216	WO	A1	2000-11-30	Torsana Osteoporosis Diagnostics A/S		
/TYL/	4	0570936	EP	B1	2000-08-09	Aloka Co. Ltd		
/TYL/	5	9945845	WO	A1	1999-09-16	Lang et al.		
/TYL/	6	9908597	WO	A1	1999-02-25	Mendlein et al.		
/TYL/	7	9514431	wo	A1	1995-06-01	Arch Development Corp.		
If you wis	h to ac	dd additional Foreign P	atent Document	citation	information pl	ease click the Add buttor	Add	
			NON-PATE	NT LITE	RATURE DO	CUMENTS	Remove	
Examiner Initials*	THE TOOOK MADAZING JOHNAL SONAL SYMDOSIUM CATAION OTCH DADOS(S) VOILIMO-ISSUG DUMDOR(S) THE						T 5	
/TYL/	1	EPO Communication, A	EPO Communication, Appl. No. 04 700 619.2 - 2305, dated 12/13/2007 (3 pages).					
/TYL/	2		es in Motion," Spri			om Graphics, Vision, Control e and Table of Content page		

Application Number		10809578		
Filing Date		2004-03-25		
First Named Inventor Lang,		Philipp		
Art Unit		2624		
Examiner Name Lu, To		om Y.		
Attorney Docket Number		3155/124		

/TYL/	3	BUSHBERG et al., "The Essential Physics of Medical Imaging," Williams & Wilkins (1994), Title and Table of Contents pages only (ISBN 0-683-01140-5), 3 pages.	
/TYL/	4	CANN, "Quantitative CT for Determination of Bone Mineral Density: A Review," Radiology (1988), Vol. 166, No. 2, Pages 509-522.	
/TYL/	5	CASTLEMAN, "Digital Image Processing," Prentice Hall (1996), Title and Table of Contents pages only (ISBN 0-13-211467-4), 9 pages.	
/TYL/	6	CHEAL et al., "Role of Leads and Prosthesis Material Properties on the Mechanics of the Proximal Femur After Total Hip Arthroplasty," J. Orthop. Res. (1992), Vol. 10, Pages 405-422.	
/TYL/	7	CORTET et al., "Bone Microarchitecture and Mechanical Resistance," Joint Bone Spine (2001), Vol. 68, Pages 297-305.	
/TYL/	8	CUMMINGS et al., "Bone Density At Various Sites for Prediction of Hip Fractures," The Lancet (1993), Vol. 341, Pages 72-75.	
/TYL/	9	EASTELL, "Treatment of Postmenopausal Osteoporosis," New Engl. J. Med. (1998), Vol. 338, No. 11, Pages 736-746.	
/TYL/	10	FAULKNER, "Bone Densitometry: Choosing the Proper Skeletal Site to Measure," J. Clin. Densitometry (1998), Vol. 1, No. 3, Pages 279-285.	
/TYL/	11	GLÜER et al., "Peripheral Measurement Techniques for the Assessment of Osteoporosis," Semin. Necl. Med. (1997), Vol. 27, No. 3, Pages 229-247.	
/TYL/	12	GLÜER, "Quantitative Ultrasound Techniques for the Assessment of Osteoporosis: Expert Agreement on Current Status," J. Bone Miner. Res. (1997), Vol. 12, No. 8, Pages 1280-1288.	
/TYL/	13	HOSKING et al., "Prevention of Bone Loss with Alendronate in Postmenopausal Women Under 60 Years of Age," N. Engl. J. Med. (1998), Vol. 338, No. 8, Pages 485-492.	

Application Number		10809578		
Filing Date		2004-03-25		
First Named Inventor Lang,		Philipp		
Art Unit		2624		
Examiner Name Lu, To		om Y.		
Attorney Docket Number		3155/124		

/TYL/	14	LAM et al., "X-Ray Diagnosis: A Physician's Approach," Springer-Verlag (1998), Title and Table of Contents pages only, (ISBN 981-3083-24-7), 4 pages.	
/TYL/	15	MARSHALL et al., "Meta-Analysis of How Well Measures of Bone Mineral Density Predict Occurrence of Osteoporotic Fractures," Br. Med. J. (1996), Vol. 312, Pages 1254-1259.	
/TYL/	16	NJEH et al., "The Role of Ultrasound in the Assessment of Osteoporosis: A Review," Osteoporosis Int. (1997), Vol. 7, Pages 7-22.	
/TYL/	17	NJEH et al., "Quantitative Ultrasound: Assessment of Osteoporosis and Bone Status," Martin Dunitz (1999), Title and Table of Contents pages only, (ISBN 1-85317-679-6), 4 pages.	
/TYL/	18	PATEL et al., "Radiation Dose to the Patient and Operator from a Peripheral Dual X-Ray Absorptiometry System," J. Clin. Densitom. (1999), Vol. 2, Pages 397-401.	
/TYL/	19	RUSS, "The Image Processing Handbook", CRC/IEEE Press (1998), 3rd Edition, Pages. 494-501.	
/TYL/	20	RUTTIMANN et al., "Fractal Dimension from Radiographs of Peridental Alveolar Bone, A Possible Diagnostic Indicator of Osteoporosis," Oral Surg. Oral Med. Oral Pathol. (1992), Vol. 74, No. 1, Pages 98-110.	
/TYL/	21	SHROUT et al., "Comparison of Morphological Measurements Extracted from Digitized Dental Radiographs With Lumbar and Femoral Bone Mineral Density Measurements in Postmenopausal Women," J. Periodontol (2000), Vol. 71, No. 3, Pages 335-340.	
/TYL/	22	SLONE et al., "BODY CT: A Practical Approach", McGraw-Hill (2000), Title and Table of Contents pages only, ISBN 0-07-058219-X), 4 pages.	
/TYL/	23	SOUTHARD et al., "Quantitative Features of Digitized Radiographic Bone Profiles," Oral Surgery, Oral Medicine, and Oral Pathology (1992), Vol. 73, No. 6, Pages 751-759.	
/TYL/	24	STOUT et al., "X-Ray Structure Determination: A Practical Guide," John Wiley & Sons (1989), 2nd Edition, Title and Table of Contents pages only, 4 pages.	

Application Number		10809578		
Filing Date		2004-03-25		
First Named Inventor Lang,		Philipp		
Art Unit		2624		
Examiner Name Lu, To		om Y.		
Attorney Docket Number		3155/124		

/TYL/	25	SVENDSEN et al., "Impact of Soft Tissue on In Vivo Accuracy of Bone Mineral Measurements in the Spine, Hip, and Forearm: A Human Cadaver Study," J. Bone Miner. Res. (1995), Vol. 10, No. 6, Pages 868-873.						
/TYL/	26	TOTHILL et al., "Errors Due to Non-Uniform Distribution of Fat In Dual X-Ray Absorptiometry of the Lumbar Spine," Br. J. Radiol. (1992), Vol. 65, No. 777, Pages 807-813.						
/TYL/	27	VERHOEVEN et al., "Densitometric Measurements of the Mandible: Accuracy and Validity of Intraoral Versus Extraoral Radiographical Techniques In An In Vitro Study," Clin. Oral Impl. Res. (1998), Vol. 9, Pages 333-342.						
/TYL/	28	WHITE et al., "Alternations of the Trabecular Pattern of the Jaws in Patients with Osteoporosis," Oral Surg., Oral Med., Oral Pathology (1999), Vol. 88, Pages 628-635.						
If you wis	h to ac	add additional non-patent literature document citation information ple	ase click the Add b	utton Add				
		EXAMINER SIGNATURE						
Examiner	Signa	ature /Tom Y. Lu/ (12/11/2009)	Date Considered	12/11/2009				
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								
¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.								

(Not for submission under 37 CFR 1.99)

Application Number		10809578		
Filing Date		2004-03-25		
First Named Inventor Lang,		Philipp		
Art Unit		2624		
Examiner Name Lu, To		om Y.		
Attorney Docket Number		3155/124		

CERTIFICATION STATEMENT				
Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):				
	That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).			
OR				
	That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).			
	See attached certification statement.			
	Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.			
SIGNATURE A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.				
Signature		/Kathryn E. Noll, #48,811/	Date (YYYY-MM-DD)	2009-12-10
Name/Print		Kathryn E. Noll	Registration Number	48,811

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a
 court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement
 negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records
 may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant
 to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
 - 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.